

**AMENDMENTS TO THE SPECIFICATION:**

***Please delete the paragraph bridging pages 4 and 5 and replace it with the following paragraph:***

The embodiment of the present invention shall be explained below in details. The water-based ink composition of the present invention is characterized by containing 0.01 to 1.0 % by weight of the water soluble high molecular saccharides (trade name: ~~Daiyutan-gum~~ Diutan gum) represented by Formula 1 (wherein M represents alkaline metal or alkaline earth metal selected from sodium, potassium and 1/2 calcium, and n is  $10^2$  to  $10^{10}$ ) in the ink composition and having a molecular weight of  $10^5$  to  $10^{13}$ . A water-based ink using the high molecular saccharides represented by Formula 1 described above used in the present invention has a so-called viscosity-reduced shearing property, and the suited viscosity which is preferred for a writing instrument is provided. That is, if it is blended with a ballpoint pen ink, the ink viscosity is high when the pen body stays in a still standing state, and therefore the ink does not flow out from the pen tip. In writing, however, a shearing stress is applied to the ink by rotation of the ball, whereby the ink viscosity is reduced, and the ink suitably flows out from the pen tip.

***Please delete the paragraph bridging pages 5 and 6 and replace it with the following paragraph:***

In order to suitably apply it to an ink for a writing instrument, the above high molecular saccharides is used in a range of preferably 0.01 to 1.0 % by weight, more preferably 0.05 to 0.5 % by weight based on the ink composition. If a use amount of the above high molecular saccharides is less than 0.01 % by weight, a so-called flowing phenomenon of the ink that the ink leaks out when the pen tip is turned downward is

observed. On the other hand, if the use amount exceeds 1.0 % by weight, the ink flows out insufficiently from the pen tip. Those which are commercially available by trade names such as, for example, ~~Kelcoerect~~ KELCO-CRETE<sup>®</sup> 200 (manufactured by Sansho Co., Ltd.) can be given as the specific examples of the above high molecular saccharides which can be used in the present invention.

*At page 9, please delete Table 1 and replace it with the following table:*

Table 1

		Example			
Blend components	Remarks)	1	2	3	4
<del>Daiyutan</del> Diutan gum	1	0.20	0.30	0.40	0.50
Xanthane gum	2				
Welan gum	3				
Succinoglycan	4				
Coloring agent A	5	5.00			
Coloring agent B	6		8.00		7.00
Coloring agent C	7			7.00	
Propylene glycol		15.0		20.0	10.0
Glycerin		5.00	15.0		
Surfactant	8	0.50	0.40	0.80	1.20
Aminomethylpropanol		0.60			
Triethanolamine			1.40	1.50	1.70
Benzotriazole		0.20	0.20	0.20	0.20
1,2-Benzisothiazoline		0.30	0.30	0.30	0.30
Joncrl J62	9	0.80		0.50	
Joncrl 7001	10		0.40		
Water (refined water)		72.4	74.0	69.30	79.1

*At page 10, please delete Table 2 and replace it with the following table:*  
Table 2

Blend components	Remarks)	Comparative Example						
		1	2	3	4	5	6	7
Daiyutan Diutan gum	1	0.005	1.10					
Xanthane gum	2			0.20	0.40			
Welan gum	3						0.80	
Succinoglycan	4					0.40		0.50
Coloring agent A	5	5.00		5.00			5.00	
Coloring agent B	6		7.00		7.00			7.00
Coloring agent C	7			7.00		5.00		
Propylene glycol				10.0			15.0	20.0
Glycerin		15.0	20.0		15.0	20.0		
Surfactant	8	0.80	0.30	0.30	0.30	0.20	0.30	0.30
Aminomethylpropanol			0.50	0.50			0.60	
Triethanolamine		1.20			1.20	1.30		1.30
Benzotriazole		0.20	0.20	0.20	0.20	0.20	0.20	0.20
1,2-Benzisothiazoline		0.30	0.30	0.30	0.30	0.30	0.30	0.30
Joncryl J62	9	0.80		1.00			0.80	
Joncryl 7001	10		0.40			0.50		
Water (refined water)		76.70	70.60	82.50	75.60	69.10	77.00	70.40

*At page 11, please delete the 1st paragraph and replace it with the following paragraph:*

Remarks) in Table 1 and Table 2 show the following trade names and maker names:

Remark 1): ~~Kelco-crete~~ KELCO-CRETE® 200 (manufactured by Sansho Co., Ltd.)